

Fig.1

	Example 1	Example 2	Example 3	Comparative Example1	Comparative Example2	Comparative Example3
(Sputtering target)						
[Ce]/[In]	0.012	0.035	0.07	0.0005	0.18	0.10 ([Sn]/[In])
Bulk resistance (m $\Omega$ cm)	0.95	0.84	0.82	10.5	8.35	0.35
Density (g/cc)	6.6	6.8	6.9	6.4	7.0	6.8
Particle diameter ( $\mu$ m)	2.8	2.4	4.8	-----	-----	-----
(Transparent electroconductive film)						
Light transmittance (%)	91	90	89	89	87	90
Specific resistance before heating ( $\mu$ $\Omega$ cm)	360	330	380	450	1250	230
Standard electrode potential before heating (V)	0.38	0.36	0.37	0.80	0.7	0.83
Specific resistance after heating ( $\mu$ $\Omega$ cm)	220	210	250	870	1860	180
Standard electrode potential after heating (V)	0.36	0.35	0.38	0.86	0.76	0.86
Abundance of trivalent cerium	0.15	0.24	0.36	-----	-----	-----